1 fee

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Linda S. Gerligan
Name

P&G Case 9188R&

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of

Chen et al.

JUL 2 0 2004

: Confirmation No. 1244

Serial No. 10/810,358

Group Art Unit 1616

Filed March 26, 2004

Examiner

For Methods Of Determining Efficacy Of Treatments Of Diseases Of The Bowel

### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made on the attached Form PTO/SB08 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

1. [] <u>37 C.F.R. §1.97(b)(1)</u> - U.S. Direct (use when filing IDS with nonprovisional patent application, or with Request for Continued Examination (RCE); or within 3 months of filing a nonprovisional patent application)

This information disclosure statement, submitted under 37 C.F.R. §1.97(b)(1), is being filed with the patent application, with a Request for Continued Examination or within three months of the filing date of a national application. Therefore, no fee is believed to be due.

### 2. [X] <u>37 C.F.R. §1.97(b)(3)</u> - (use when filing IDS more than 3 months after filing a nonprovisional patent application, but prior to receipt of first Office Action)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

### 3. [] 37 C.F.R. §1.97(b)(4) - (use when filing IDS prior to receipt of first Office Action after the filing of a Request for Continued Examination (RCE) under §1.114)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(4). Applicants have not received a first Office Action after filing a Request For Continued Examination (RCE). Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

# 4. [] 37 C.F.R. §1.97(c) with fee payment - (use when filing IDS after receipt of first Office Action, and before receipt of Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (e.g., *Ex parte Quayle*) as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter (or a fee transmittal form) is enclosed to facilitate the charging of the fee.

5. [] <u>Information to be Considered with Continued Prosecution Application</u> (CPA) Filing (use when filing IDS with a Continued Prosecution Application (CPA) for <u>Design Case</u>). This information disclosure statement is being filed with a Continued Prosecution Application (CPA) filed under 37 C.F.R. 1.53(d).

### **ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:**

[] (1) (For use with applications filed prior to or on June 30, 2003.) Copies of the
cited documents are enclosed.
OR
[] (2) (For use with applications filed after June 30, 2003.) In accordance with 3
C.F.R. §1.98(a)(2), Applicants are submitting copies of foreign patent documents and nor
patent literature.  OR
F371
USPTO in prior application Case No. 9188&, U.S. Patent Application Serial No. 10/404,512
filed April 1, 2003. Applicants claim priority to said application under 35 U.S.C. §120
Accordingly, copies of previously submitted references are not provided with this Statemen
pursuant to 37 C.F.R. §1.98(d), but copies of the Information Disclosure Statement an
PT0SB08 for U.S. Patent Application Serial No. 10/404,512 are enclosed for reference. It is
respectfully requested that the cited documents be carefully considered by the Examiner an
made of record in this case.
OR
[] (4) Copies of all said documents, except Cite Numbers, were submitte
and considered in parent application U.S. Patent Application Serial No, file
Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly
copies of previously submitted references are not provided with this Statement, pursuant to 3
C.F.R. §1.98(d). Copies of references not previously submitted are enclosed. It is respectfull
requested that the cited documents be carefully considered by the Examiner and made of recor
in this case.
[] (5) Pursuant to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cite
reference that is not in the English language is provided.
[] (6) Applicants also respectfully request the Examiner to consider and make of recor
the co-pending applications listed on the attached page.

Additional information is attached.

Respectfully submitted,

Date: <u>July / 5, 2004</u> **Customer No. 27752** 

(IDS.doc) (Last Revised 05/27/04)

Kelly L. McDow-Dunham

Attorney or Agent for Applicant(s)

Registration No. 43,787

(513) 622-0159

PTO/SB08A/B (04-03)

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#### Substitute for form 1449A/PTO COMPLETE IF KNOWN Application Number 10/404512 Confirmation Number 6502 INFORMATION DISCLOSURE Filing Date April 1, 2003 STATEMENT BY APPLICANT (use as many sheets as necessary) First Named Inventor Chen et al. Group Art Unit 1616 Examiner Name 1 of 5 Attorney Docket Number 9188&

#### **U. S. PATENT DOCUMENTS**

EXAMINER INMALS*	Cite No.1	DOCUMENT NUMBER  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
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### FOREIGN PATENT DOCUMENTS

EXAMINER	Cite No.1	FOREIGN PATENT DO  Country Code <sup>3</sup> Number <sup>4</sup>	CUMENT  Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
-		EP 0,508,701B1		10-14-1992	Quest International B.V.		
		EP 0,862,863B1		09-09-1998	Societe Des Products Nestle S.A.	·	
		EP 1,312,667A1		05-21-03	Wakamoto Pharmaceutical Co., LTD		
		W0 00/41707A1		07-20-2000	Enterprise Ireland		
		W0 00/42168A2		07-20-2000	Enterprise Ireland		
		W0 02/083879A2		10-24-2002	Alimentary Health LTD.		
		W0 03/010297A1		02-06-2003	Alimentary Health LTD.		T
		W0 03/010298A1		02-06-2003	Alimentary Health LTD.		
		W0 03/010299A1		02-06-2003	Alimentary Health LTD.		
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EXAMINE	1	<u> </u>			DATE CONSIDERED	<u> </u>	<u> </u>

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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EET 2 of 5

JUL 2 0 2004

COMPL	ETE IF KNOWN
Application Number	10/404512
Confirmation Number	6502
Filing Date	April 1, 2003
First Named Inventor	Chen et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9188&

### NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	]
		AGA, Abstracts, Gastroenterology Vol. 116 No. 4	
		HENRY J. BINDER, M.D., "Genes, Bacteria and T Cells: Ingredients for Inflammatory Bowel Disease", Selected Summaries, Gastroenterology 1998; 115: 1695-1600, Vol. 115, No. 6	
		O'MAHONY ET AL., "Probiotic Bacteria and the Human Immune System", Dept. Microbiology and Medicine, National Food Biotechnology Centre, University College Cork & Dept. Surgery, Mercy Hospital, Cork Ireland	
		O'HALLORAN ET AL., "Adhesion of Potential Probiotic Basteria to Human Epithelial Cell Lines", Departments of Microbiology and Medicine, University College, Mercy Hospita. Cork, Ireland, Dept. of Surgery, Mercy Hospita, Cork, Ireland	
		STALLMACH ET AL., "Induction and Modulation of Gastrointestinal Inflammation", Trends Immunology Today, October 1998, Vol. 19 No. 10 pages 438-441	
		MARTEAU ET AL., "Potential of Using Lactic Acid Bacteria for Therapy and Immunomodulation in Man", FEMS Microbiology Reviews 12 (1993) 207-220	
		FERGUS SHANAHAN, "The Intestinal Immune System", Physiology of the Gastrointestinal Tract, Third Edition, 1994	
		'VITTORIO SCARDOVI, "Irregular Nonsporing Gram-Positive Rods", Genus Bifidobacterium Orla-Jensen 1924, 472	
		SCHMITT ET AL., "The Immunostimulatory Function of IL-12 in T-Helper Cell Development and Its Regulation by TGF-B, IFN-y and IL-4",Chem Immunet Basel Karger, 1997, Vol. 68, pp 70-85	
		PANWALA ET AL., "A Novel Model of Inflammatory Bowel Disease: Mice Deficient for the Multiple Drug Resistance Gene, mdrla, Spontaneously Develop Colitis", The American Association of Immunologists, 1998, The Journal of Immunology, 1998 161: 5733-5744	
		O'MAHONY ET AL., "Probiotic Impact on Microbial Flora, Inflammation and Tumour Development in IL-10 Knockout Mice", Aliment Pharmacol Ther 2001: 15: 1219-1225	
		MEDAGLINI ET Al., "Mucosal and Systemic Immune Responses to a Recombinant Protein Expressed on the Surface of the Oral Commensal Bacterium Streptococcus gordonii after oral colonization", Proc. Natl. Acad. Sci. USA Vol. 92, pp 6868-6872, July 1995 Medical Sciences	
		MCCRACKEN ET AL., "Probiotics and the Immune System"	
	,	MCBREARTY ET AL., "Probiotic Bifidobacteria and Their Identification Using Molecular Genetic Techniques", Teagasc, Dairy Products Research Centre, Moorepark, Fermoy, Co. Cork, Ireland	
		Department of Microbiology, University College Cork, Ireland  DATE CONSIDERED	
EXAMINER		DATE CONSIDERED	

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pplicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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SHEET

3 of 5

COMPL	ETE IF KNOWN
Application Number	10/404512
Confirmation Number	6502
Filing Date	April 1, 2003
First Named Inventor	Chen et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	9188&

#### NON PATENT LITERATURE DOCUMENTS

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		O'MAHONY ET AL., "Probiotic Bacteria and Pathogenic Bacteria Elicit Differential Cytokine Responses From Dendritic Cells", XP-001097379	
		CHARTERIS ET AL., "Antiobiotic Sysceptibility of Potentially Probiotic Bifidobacterium Isolates From the Human Gastrointestinal Tract", Letters in Applied Microbiology 1998, 26, 333-337	
		MCGEE ET AL., "A Synergistic Relationship Between TNF-x, IL-1B, and TGF-B1 on IL-6 Secretion by the IEC-6 Intestinal Epithelial Cell Line", Immunology 1995 86 6-11	
		BOUHNIK ET AL., "Effects of Bifidobacterium SP Fermented Milk Ingested With or Without Inulin on Colonic Bifidobacteria and Enezymatic activities in Healthy Humans" European Journal of Clinical Nutrition (1996) 50, 269-273	
		CHARTERIS ET AL., "Development and application of an In Vitro Methodology to Determine the Transit Tolerance of Potentially Probiotic Lactobacillus and Bifidobacterium Species in the Upper Human Gastrointestinal Tract" Journal of Applied Microbiology 1998, 84, 759-768 – XP 000929203	
	,	CHARTERIS ET AL., "Antiobiotic Susceptibility of Potentially Probiotic Bifidobacterium Isolates from the Human Gastrointestinal Tract, "Letters of Applied Microbiology 1998, 26, 333-337	
	•	CHARTERIS ET AL., "Selective Detection, Enumeration and Identification of Potentially Probiotic Lactobacillus and Bifidobacterium Species in Mixed Bacterial Populations", International Journal of Food Microbiology 35 (1997) 1-27	
	, :	CHEVALIER ET AL., "Detection of Bifidobacterium Species by Enzymatic Methods", Journal of Applied Basteriology 1990, 68, 619-624	
		COLLINS ET AL., "Selection of Probiotic Strains for Human Applications", In. Dairy Journal 8 (1998) 487-	
	. ,	DUNNE ET AL., "Probiotics: From Myth to Reality. Demonstration of Functionality in Animal Models of Desease and in Human Clinical Trials" XP-000929178	
		GIBSON ET AL., "Dietary Modulation of the Human Gut Microflora Using Prebiotics", Journal of Nutrition (1998) 80. Suppl. 2 S209-S212	
		CHARTERIS ET AL., "Effect of Conjugated Bile Salts on Antibiotic Susceptibility of Bile Salt-Tolerant Lactobacillus and Bifidobacterium Isolates", Journal of Food Protection Vol. 63, No. 10, 2000, pages 1369-1376	
	•	ARAI ET AL., "Cytokines: Coordinates of Immune and Inflammatory Responses", Annu. Rev. Biochen. 90, 59: 783-836	
		GROUX ET AL., "Regulatory T Cells and Inflammatory Bowel Disease", Viewpoint Immunology Today October 1999	1
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SHEET 4 of 5

COMPL	ETE IF KNOWN
Application Number	10/404512
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#### NON PATENT LITERATURE DOCUMENTS

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		ARANDA ET AL., "Analysis of Intestinal Lymphocytes in Mouse Colitis Medicated by Transfer of CD4+, CD45RB high T Cells to SCID Recipients", 1997, The American Association of Immunologists	
		BRANDTZAEG ET AL., "Immunopathology of Human Inflammatory Bowel Disease", Springer Seminars in Immunopathology (1997) 18: 555-589	
		CHAUVIERE ET AL., "Adhension of Human Lactobacillus Acidophilus Strain LB to Human Enterocyte-like Caco-2 Cells, Journal of General Microbiology (1992), 138, 1689-1696	
		CICCO ET AL., "Inducible Production of Interleukin-6 by Human Polymorphonuclear Neutrophils: Role of Granulocyte-Macrophage Cology-Stimulating Factor and Tumor Necrosis Factor-Alpha", 1990 The American Society of Hematology, Blood, Vol. 75, No. 10 (May 15) 1990: pp 2049-2052	
		DONNELLY ET AL., "Differential Regulation of II-1 Production in Human Monocytes By IFN-y and IL-4", The Journal of Immunology, Vol. 145, 569-575. No. 2 July 15, 1990	
		FAVIER ET AL., Fecal B-D-Galactosidase Production and Bifidobacteria Are Decreased in Crohn's Disease", Digestive Diseases and Sciences, Vol. 42, No. 4 (April 1997), pp. 817-822	
	-	MONTELEONE ET AL., "Manipulation of Cytokines in the Management of Patients With Inflammatory Bowel Disease", Ann Med. 2000 Nov;32(8):552-60	
		ROGLER ET AL., "Cytokines in Inflammatory Bowel Disease", World J Surg (1998) 22:382-9	1
		STROBER ET AL., "Reciprocal IFN-gamma and TGF-Beta Responses Regulate the Occurrence of Mucosal Inflammation", Immunol Today. 1997 Feb;18(2):61-4	
		BARBARA G. ET AL., "A Role for Inflammation in Irritable Bowel Syndrome, Gut 51:i41-i44	1
		CHADWICK ET AL." Activation of the Mucosal Immune System in Irritable Bowel Syndrome", Gastroenterology (2002) 122:1778-83	1
		ANAND ET AL." Cytokines and Inflammatory Bowel Disease", Tropical Gastroenterology. 1999; 20(3):97-	1

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		GROUX ET AL., "Regulatory T Cells and Inflammat October 1999	ory Bowel Disease", Viewpoint Immunology Today			
		GASCHE ET AL., "IL-10 Secretion and Sensitivity in Disease", Journal of Clinical Immunology Vol. 20, N	n Normal Human Intestine and Inflammatory Bowel o. 5, 2000			
	,	HOMMES ET AL., "Anti- and Proinflammatory Cytokines in the Pathogenesis of Tissue Damage in Crohn's Disease", 2000 Lippincott Williams and Wilkins 1363-1950				
			Inflammatory Bowel Disease", Aliment Pharmacol Ther			
		L. LAKATOS, "Immunology of Inflammatory Bowel I 355-372 (2000)	Diseases", Acta Physiologica Hungarica, Vol. 87 (4), pp.			
		POWRIE ET AL., "Inhibition of Th1 Responses Prev Reconstituted with CD45Rbhi CD4+ T Cells, Immur				
		VAN DAMME ET AL., "The Proportion of Th1 Cells, Inflammatory Bowel Syndrome", Clin Exp Immunol	Which Prevail in Gut Mucosa, is Decreased in			
EXAMINE	R		DATE CONSIDERED			

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